

WATER/SEWAGE TREATMENT PLANT OPERATOR TRAINEE

DISTINGUISHING FEATURES OF THE CLASS:

An employee in this class undergoes on-the-job training to become qualified both as an operator of the sewage treatment plant and the water treatment plant. This person will assist in the operation and maintenance of both plants. In addition, this employee will be responsible for the repair and all associated work connected to the distribution and collection systems for both operations. Work is performed under direct supervision. Supervision of the work of others is not normally a function of this position.

TYPICAL WORK ACTIVITIES:

1. Performs study and reading assignments, observes demonstrations and otherwise learns the techniques of operation and maintenance of a sewage treatment plant and water treatment plant;
2. Learns and assists in the operation and adjustments of pumps, valves, screens and related mechanical equipment;
3. Learns and assists in the inspection, maintenance, and repair of pumps, valves, screens and related mechanical equipment;
4. Learns and assists in the making of tests to determine chlorine residual;
5. Learns and assists in the making of physical tests of water for color, odor and taste and in chemical tests of water for alkalinity and residual chlorine;
6. Cleans channels, screens, tanks, filters and settling basins;
7. Learns and assists in regulating and adjusting chlorinators and alum tanks;
8. Learns and assists in the preparation and maintenance of activity records and reports;
9. May perform cleaning and maintenance duties;
10. Performs increasingly responsible duties as assigned in the operation and maintenance of a water treatment plant and sewage treatment plant;
11. Learns and assists in the repair and maintenance of the distribution and collection systems for the water and sewer facility;
12. Does related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Working knowledge of the elementary principles of chemistry and general science; ability to learn principles and procedures relating to operation and maintenance of a sewage treatment plant and a water treatment plant; ability to develop skill in the operation and maintenance of pumps, valves and related mechanical equipment; ability to read and interpret gauges and meters; ability to establish satisfactory working relationships with others; ability to understand and follow oral and written instructions; mechanical aptitude; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a New York State high school equivalency diploma.